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AUTHOR Sussman, Art, Ed.
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ABSTRACT

Many involved in science education reform agree that one ingredient of future science education programs should be effective partnerships. Partnerships often will embrace people and organizations who traditionally have not been involved in science education. This book offers "how to" guidelines for forming effective science education partnership. Listed below are chapters and authors included in the book: (1) "A Framework for Science Education Partnerships" (Art Sussman); (2) "10-Step Recipe for Starting a Partnership Program" (Bruce M. Alberts); (3) "Perspective of a School District Superintendent" (Interview: Ramon Cortines); (4) "One on One Partnerships (David States, Susan Brady, and Art Sussman); (5) "One Partner's Story" (Mike Morgan); (6) "Industry Initiatives for Science and Math Education" (Brian Kearney, Marie Earl, and Karin Rosman); (7) "Training the Scientific Community" (Hector Timourian); (8) "University Research Expeditions Program" (Jean Colvin); (9) "A School of Education Extension Service Model" (Pam Castori); (10) "Putting the Focus on Preservice Science Education" (Glenn Crosby); (11) "City Science-Defining a Role for Scientists in Elementary Science Education" (Margaret Clark); (12) "Science at the Core: Shedding New Light on Partnerships (Cary Sneider, Christopher DeLatour, and Karen Mendelow); (13) "Summer Workshops and a Mobile Van as Catalytic Vehicles" (Interview: Lane Conn); (14) "Bay Area Science and Technology Education Collaboration" (Ken Epstein); (15) "Partners in Implementing Curriculum Change" (Jacqueline Barber, Cary Sneider, Katharine Barrett, and Stefan Gair); (16) "The Making of GEMS: Partners in Developing Curriculum" (Jacqueline Barber); (17) "Attracting Underrepresented Precollege Students to Mathematics and Science Disciplines" (Shelby Givens); (18) "One Shot Activities: Speakers' Bureau and Seminar Series" (David States and Margaret Clark); (19) "Student Ownership of Scientists' Visits" (Dean Muller); (20) "Partnership Activities of Health Professional Students" (JoAnne Miller, Gregory Arent, and Sarah Spence); (21) "The Student Lesson Plan Contest" (Art Sussman); (22) "Science and Societal Issues Symposium" (Susan Brady); (23) "Summer Research Opportunities for Students & Teachers" (Margaret Clark); (24) "My Summer in the Alberts

Lab" (Moses Kim); (25) "Perspective of a Program Evaluator" (Interview with Mark St. John); (26) "The Turing Test as an Evaluation Method" (Mark St. John); (27) "Raising Money from the Private Sector" (Dennis Hartzell); (28) "The Grant Donor/Recipient Partnership" (Kathryn Carey); (29) "Raising Money from the Public Sector" (Art Sussman); (30) "Resources for Science Education Partnerships" (Art Sussman); (31) "To Challenge Our Cities" (Leon Lederman); (32) "Perspectives on Systemic Change" (Mark St. John); and (33) "Ameristroika and the Art of Science Education" (Art Sussman). (ZWH)

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